

In the Claims:

1. (Previously Amended) A battery cable connector comprising:

a body having threads formed thereon and having an electrically conductive prong attached thereto along an elongated axis of said body and extending therefrom for piercing the end of an electrical cable;

a cap having threads thereon removably attached to said body threads and having an opening therethrough, said cap being aligned with said body electrically conductive prong when said cap is attached to said body; and

a compression collar sized to fit over said electrically conductive prong and over an electrical conductor passing through said cap, said compression collar having a conductor gripping means for gripping and holding a conductor onto said body when said cap is attached to said body over said collar, whereby an electrical cable can be secured to said battery cable connector.

2. (Original) A battery cable connector for coupling to one end of an electrical cable in accordance with claim 1 in which said compression collar has a plurality of fingers extending from the end thereof compressible onto an electrical conductor passing therethrough.

3. (Original) A battery cable connector in accordance with claim 2 in which each of said collar plurality of fingers has an insulation penetrating point on the end thereof positioned to penetrate into the insulation on an insulated electrical cable passing therethrough.

4. (Original) A battery cable connector in accordance with claim 3 in which said collar is fixedly attached to said body and extends over said prong extending from said body.
5. (Original) A battery cable connector in accordance with claim 3 in which said collar is fixedly attached to said cap for compression onto an insulated conductor extending therethrough.
6. (Original) A battery cable connector in accordance with claim 3 in which said body had a bore extending thereinto and said prong extends from said body into said bore along the center axis of said bore.
7. (Original) A battery cable connector in accordance with claim 1 in which said body has a pair of prongs thereon, one extending in a generally opposite direction from the other said prong.
8. (Previously Amended) A battery cable connector in accordance with claim 7 in which said body has two sets of threads and two threaded caps, one for threadedly attaching to each set of body threads on each end of said body over one of said pair of prongs.
9. (Original) A battery cable connector in accordance with claim 3 in which said collar is shaped to fit over the end of an insulated electrical conductor and be compressed thereon.
10. (Original) A battery cable connector in accordance with claim 1 in which said compression collar is rotatably mounted to said cap.

11. (Previously Amended) An electrical connector for coupling to an electrical conductor thereto comprising:

a body having an electrically conductive prong attached thereto along an elongated axis of said body and extending therefrom for piercing the end of an electrical conductor being attached thereto; and

a body cap removably attachable to said body and having an opening therethrough, said body cap having a compression collar rotatably mounted through said body cap opening and sized to fit over an electrical conductor passing therethrough, said compression collar having a conductor gripping means for gripping and holding a conductor thereto and onto said body when said cap is attached to said body, whereby an electrical conductor can be inserted through said body cap and compression collar and onto said electrically conductive prong and said body cap and collar attached to said body to form an electrically conductive connection to said electrical connector.

12. (Original) An electrical connector for coupling to an electrical conductor thereto in accordance with claim 11 in which said compression collar has a flared end portion to hold said compression collar in said body cap from one end thereof.

13. (Original) An electrical connector for coupling to an electrical conductor thereto in accordance with claim 12 in which said compression collar has a flange therearound along the center portion thereof to hold said compression collar in said body cap from the other end thereof.

14. (Currently Amended) An electrical connector for coupling to an electrical conductor, comprising:

a body;

an electrically conductive prong attached to said body;

a rotatable gripping collar having a plurality of gripping fingers; and

a body cap attachable to the body,

wherein, an end of an electrical conductor can be passed through the body cap and through the gripping collar and driven onto the electrically conductive prong such as to make electrical contact between the electrical conductor and the electrically conductive prong, wherein said plurality of gripping fingers can be clamped onto the electrical conductor and the body cap attached to the body such that the body cap secures the gripping collar to the body and the electrical conductor to the ~~electrical conductor~~ prong while the gripping collar is able to rotate with the conductor and relative to, and within, the body cap.

15. (Previously added) The electrical connector according to claim 14, wherein said body cap is threadedly attachable to the body.

16. (Previously added) The electrical connector according to claim 14, further comprising:

a second electrically conductive prong attached to the body and in electrical contact with said electrically conductive prong;

a second gripping collar having a second plurality of gripping fingers; and

a second body cap attachable to the body,

wherein an end of a second electrical conductor can be passed through the second body cap and through the second gripping collar and driven onto the second electrically conductive prong such as to make electrical contact between the second electrical conductor and the second electrically conductive prong and electrical contact between the electrical conductor and the second electrical conductor, wherein said second plurality of gripping fingers can be clamped onto the second electrical conductor and the second body cap attached to the body such that the second body cap secures the second gripping collar to the body and the second electrical conductor to the electrical connector.

17. (Previously added) The electrical connector according to claim 14, wherein said gripping collar and said body are separate.

18. (Previously added) The electrical connector according to claim 14, wherein said plurality of gripping fingers are splayed prior to being clamped onto the electrical conductor, to allow the electrical conductor to pass through the gripping collar.

19. (Previously added) The electrical connector according to claim 18, wherein at least one of said plurality of gripping fingers has inwardly extending edges on the ends thereof for engaging the electrical conductor as the gripping fingers are clamped onto the electrical conductor.

20. (Previously added) The electrical connector according to claim 14, wherein when said plurality of gripping fingers are clamped onto the electrical conductor and the body cap attached

to the body such that the body cap secures the gripping collar to the body and the electrical conductor to the electrical connector, the electrical conductor is forced into tight engagement with the conductive prong.

21. (Previously added) The electrical connector according to claim 14, wherein at least one of said plurality of gripping fingers comprises a pointed tip, wherein when said plurality of gripping fingers are clamped onto an electrical conductor having an outer layer of insulation and the body cap attached to the body such that the body cap secures the gripping collar to the body and the electrical conductor having an outer layer of insulation to the electrical connector, the pointed tip pierces the outer layer of insulation.

22. (Previously added) The electrical connector according to claim 14, wherein the body further comprises a battery terminal connecting portion.

23. (Currently amended) An~~The~~ electrical connector for coupling to an electrical conductor,
comprising:

a body;

an electrically conductive prong;

a gripping collar having a plurality of gripping fingers; and

a body cap attachable to the body,

wherein, an end of an electrical conductor can be passed through the body cap and through the gripping collar and driven onto the electrically conductive prong such as to make electrical contact between the electrical conductor and the electrically conductive prong, wherein

said plurality of gripping fingers can be clamped onto the electrical conductor and the body cap attached to the body such that the body cap secures the gripping collar to the body and the electrical conductor to the prong, wherein said gripping collar is ~~fixedly attached to~~ integrally formed with said body.

24. (Previously added) The electrical connector according to claim 14, wherein said plurality of gripping fingers are clamped onto the electrical conductor as the body cap is attached to the body.